

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

- 1. Ken Wadland
- 2. Richard Allen Woodward, Jr.
- 3. Randall Lawson
- 4. Alan G. Strelzoff
- 5. David Tsai
- 6. Steve Russo

Execution Date(s) 1. June 20, 2005 4. June 20, 2005
2. June 22, 2005 5. June 20, 2005
3. June 20, 2005 6. June 20, 2005

Additional name of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: Cadence Design Systems, Inc.

Internal Address: _____

Street Address: 2655 Seely Avenue

City: San Jose

State: California

Country: U.S.A. Zip: 95134

Additional Name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

A. Patent Application No.(s)
11/098,039

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Peter C. Mei

Internal Address: Bingham McCutchen LLP

Street Address: Three Embarcadero Center, Suite 1800

City: San Francisco

State: CA Zip: 94111-4067

Phone Number: (650) 849-4870

Fax Number: (650) 849-4800

Email Address: peter.mei@bingham.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-2518

Authorized User Name _____

9. Signature :



June 27, 2005

Signature

Date

Gerald Chan, Reg. No. 51,541

Total number of pages including cover sheet, attachments, and documents

9

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 308-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 502518 11098039

Patent
CA7039402001

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, **KEN WADLAND**, a citizen of the United States of America, **RICHARD WOODWARD**, a citizen of the United States of America, **RANDALL LAWSON**, a citizen of the United States of America, **ALAN STRELZOFF**, a citizen of the United States of America, **DAVID TSAI**, a citizen of the United States of America, and **STEVE RUSSO**, a citizen of the United States of America (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled **METHOD AND MECHANISM FOR IMPLEMENTING PCB ROUTING** for which application for Letters Patent of the United States of America was filed on April 1, 2005, and assigned U.S. Application No. 11/098,039; and

WHEREAS, **CADENCE DESIGN SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the state of **DELAWARE** and having its place of business at **2655 Seely Avenue, San Jose, California 95134** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefore in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any

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continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademark and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Agreement.

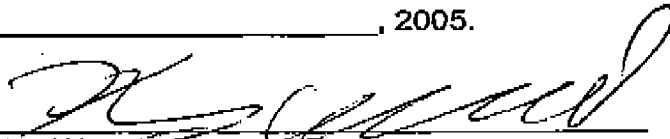
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign county, which may be necessary or desirable to carry out the purpose thereof.

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WITNESS my hand at Chelmsford, MA

this 26th day of June, 2005.


Ken Wadland

STATE OF Massachusetts
COUNTY OF Middlesex) ss

On 6/26/05 before me, Carmina Michalyszyn, personally appeared Ken Wadland

personally known to me – OR – proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Carmina Michalyszyn
Notary Public in and for said County and State
my commission expires
12/2707

Patent
CA7039402001

WITNESS my hand at SAN DIEGO COUNTY
this 22nd day of JUNE, 2005.

Richard Allen Woodward
Richard Woodward RICHARD ALLEN WOODWARD JR.

STATE OF California)
COUNTY OF San Diego) ss

On 6-22-05 before me, PERNELL FOSTER (Notary Public) personally
appeared Richard Woodward RICHARD ALLEN WOODWARD JR

personally known to me - ~~OR~~ proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument
and acknowledged to me that ~~he~~ she/they executed the same in ~~his~~ her/their authorized
capacity(ies), and that by ~~his~~ her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

PERNELL FOSTER
Notary Public in and for said County and State



Patent
CA7039402001

WITNESS my hand at Crewsford, MA

this 26th day of June, 2005.

[Signature]
Randall Lawson

STATE OF Massachusetts)
COUNTY OF Norfolk) SS

On 6/26/05 before me, Carmine Michalyszyn personally
appeared Randall Lawson

personally known to me - OR- proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Carmine Michalyszyn
Notary Public in and for said County and State
My commission Expires 12/27/07

Patent
CA7039402001

WITNESS my hand at Sovereign Bank
this 20 day of June, 2005.

Alan S. Strelzoff
Alan Strelzoff

STATE OF Massachusetts
COUNTY OF Essex) ss

On June 20, 2005 before me, Lori Berman, personally
appeared Alan Strelzoff

personally known to me – **OR** – proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Lori Berman Essex Massachusetts
Notary Public in and for said County and State

LORI BERMAN
Notary Public
My Commission Expires
March : 2006

Patent
CA7039402001

WITNESS my hand at Chilmark, MA

this 26th day of June, 2005.

[Signature]
David Tsai

STATE OF Massachusetts) ss
COUNTY OF Middlesex)

On 6/26/05 before me, Carmina Michallop personally
appeared David Tsai

personally known to me – OR – proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Carmina Michallop
Notary Public in and for said County and State
My commission expires
12/27/07

Patent
CA7039402001

WITNESS my hand at Chelmsford, MA

this 20th day of June, 2005.

Steve Russo
Steve Russo

STATE OF Massachusetts)
COUNTY OF Middlesex) ss

On 6/20/05 before me Carmina Michalyszyn, personally
appeared Steve Russo

personally known to me – OR- proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Carmina Michalyszyn
Notary Public in and for said County and State

*My commission expires
12/27/07*